

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011949

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7	C01B3/38	B01J4/00	B01J8/02	B01J8/04	B01J19/26
	B01F5/04	B01F15/02			

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C01B B01J B01F F23C F23D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, API Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 359 119 A (NISSAN MOTOR) 5 November 2003 (2003-11-05) claims 1,8,12; figure 7	1,2
Y		3-6,8,14
X	GB 2 305 186 A (HITACHI LTD) 2 April 1997 (1997-04-02)	7,9
Y	page 6, line 21 – page 11, line 3; figure 1	3-6,8,14
A	WO 00/47517 A (CASALE CHEMICALS S A ;BEDETTI GIANFRANCO (IT)) 17 August 2000 (2000-08-17) the whole document	1,7,9



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

24 January 2005

Date of mailing of the international search report

03/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patenttaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Engelen, K

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Information on patent family members

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